**DECLARATION**

AS A ~~SOLE~~ NAMED INVENTOR, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe that I am the original, first and sole (*if only one name is listed below*), or an original, first and joint inventor (*if plural names are listed below*), of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE: RANDOM ACCESS MEMORY HAVING AN ADAPTABLE LATENCY

the specification of which is attached hereto or indicates an attorney docket no. YOR920030067US1, or:

☒ was filed in the U.S. Patent & Trademark Office on September 17, 2003 and assigned Serial No. 10/664,789,

☐ and (*if applicable*) was amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability and to the examination of this application in accordance with Title 37, Code of Federal Regulations §1.56. I hereby claim foreign priority benefits under Title 35, U.S. Code §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States, or §119(e) of any United States provisional application(s), listed below and have also identified below any foreign applications for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Priority Claimed:

Yes [] No []

(Application Number) (Country) (Day/Month/Year filed)

Yes [] No []

(Application Number) (Country) (Day/Month/Year filed)

I hereby claim the benefit under Title 35, U.S. Code §120, of any United States application(s), or §365(c), of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International applications(s) in the manner provided by the first paragraph of Title 35, U.S. Code §112, I acknowledge the duty to disclose information material to patentability as defined in Title 37, Code of Federal Regulations §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial Number) (Filing Date) (STATUS: patented, pending, abandoned)

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I hereby appoint the following attorneys: **RICHARD M. LUDWIN**, Reg. No. 33,010; **KEVIN M. JORDAN**, Reg. No. 40,277; **CHRISTOPHER A. HUGHES**, Reg. No. 26,914; **JOHNE. HOEL**, Reg. No. 26,279; **JOSEPH C. REDMOND, JR.**, Reg. No. 18,753; **DOUGLAS W. CAMERON**, Reg. No. 31,596; **WAN YEE CHEUNG**, Reg. No. 42,410; **THU ANN DANG**, Reg. No. 41,544; **LOUIS P. HERZBERG**, Reg. No. 41,500; **DEREK S. JENNINGS**, Reg. No. 31,473; **STEPHEN C. KAUFMAN**, Reg. No. 29,551; **ALISON D. MORTINGER**, Reg. No. 39,306; **DANIEL P. MORRIS**, Reg. No. 32,053; **LOUIS J. PERCELLO**, Reg. No. 33,206; **ROBERT M. TREPP**, Reg. No. 25,933; **GAIL H. ZARICK**, Reg. No. 43,303; and **RAFAEL PEREZ-PINEIRO**, Reg. No. 46,041; and each of them of **INTERNATIONAL BUSINESS MACHINES CORPORATION**, Thomas J. Watson Research Center, P.O. Box 218, Yorktown Heights, New York 10598; to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith and with any divisional, continuation, continuation-in-part, reissue or re-examination application, with full power of appointment and with full power to substitute an associate attorney or agent, and to receive all patents which may issue thereon, and request that all correspondence be addressed to:

Wayne L. Ellenbogen
RYAN, MASON & LEWIS, LLP
90 Forest Avenue
Locust Valley, NY 11560
Tel.: (516) 759-7662

I HEREBY DECLARE that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 U.S. Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF FIRST OR SOLE INVENTOR: Francois Ibrahim Atallah Citizenship U.S.A.

Inventor's signature: Francois Ibrahim Atallah Date: 10/14/03

Residence & Post Office address: 11309 Windwitty Court
Raleigh, NC 27614

FULL NAME OF SECOND JOINT INVENTOR: James Norris Dieffenderfer Citizenship U.S.A.

Inventor's signature: James Norris Dieffenderfer Date: 10/14/03

Residence & Post Office address: 4000 Inkberry Court
Apex, NC 27539-8868

FULL NAME OF THIRD JOINT INVENTOR: Jeffrey H. Fischer Citizenship U.S.A.

Inventor's signature: Jeffrey H. Fischer Date: 10/14/03

Residence & Post Office address: 203 Connors Circle
Cary, NC 27511

FULL NAME OF FOURTH JOINT INVENTOR: Michael Thomas Fragano Citizenship U.S.A.

Inventor's signature: _____ Date: _____

Residence & Post Office address: 3 Beech Street
Essex Junction, VT 05452

FULL NAME OF FIFTH JOINT INVENTOR: Daniel Stephen Geise Citizenship U.S.A.

Inventor's signature: _____ Date: _____

Residence & Post Office address: 125 Kennedy Drive, Apt. 2
South Burlington, VT 05403

FULL NAME OF SIXTH JOINT INVENTOR: Jeffery Howard Oppold Citizenship U.S.A.

Inventor's signature: _____ Date: _____

Residence & Post Office address: 66 Westall Extension
Richmond, VT 05477

FULL NAME OF SEVENTH JOINT INVENTOR: Michael R. Ouellette Citizenship U.S.A.

Inventor's signature: _____ Date: _____

Residence & Post Office address: 1151 Old Stage Road
Westford, VT 05494

FULL NAME OF EIGHTH JOINT INVENTOR: Neelesh Govindaraya Pai Citizenship India

Inventor's signature: _____ Date: _____

Residence & Post Office address: 22 Chelsea Place
Williston, VT 05495

FULL NAME OF NINTH JOINT INVENTOR: William Robert Reohr Citizenship U.S.A.

Inventor's signature: _____ Date: _____

Residence & Post Office address: 111 Eleven Levels Road
Ridgefield, CT 06877

FULL NAME OF TENTH JOINT INVENTOR: Joel Abraham Silberman Citizenship U.S.A.

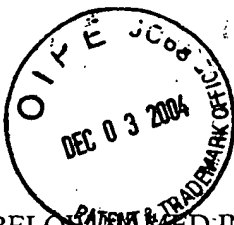
Inventor's signature: _____ Date: _____

Residence & Post Office address: 32 Londonderry Lane
Somers, NY 10589

FULL NAME OF ELEVENTH JOINT INVENTOR: Thomas Philip Speier Citizenship U.S.A.

Inventor's signature:  _____ Date: 12/14/03

Residence & Post Office address: 112 Arbor Wynds Court
Holly Springs, NC 27540

**DECLARATION**

AS A BELOW-SIGNED INVENTOR, I hereby declare that:

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Inventor's signature: _____ Date: _____

Residence & Post Office address: 203 Connors Circle
Cary, NC 27511

FULL NAME OF FOURTH JOINT INVENTOR: Michael Thomas Fragano Citizenship U.S.A.

Inventor's signature: Michael T Fragano Date: Oct 03, 2003

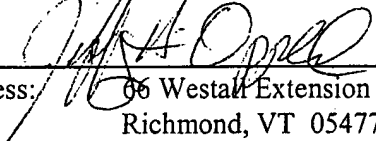
Residence & Post Office address: 3 Beech Street
Essex Junction, VT 05452

FULL NAME OF FIFTH JOINT INVENTOR: Daniel Stephen Geise Citizenship U.S.A.


Inventor's signature: Daniel A. Geise Date: Oct. 3 2003

Residence & Post Office address: 125 Kennedy Drive, Apt. 2
South Burlington, VT 05403

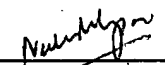
FULL NAME OF SIXTH JOINT INVENTOR: Jeffery Howard Oppold Citizenship U.S.A.

Inventor's signature:  Date: Oct 6, 2003
Residence & Post Office address: 66 Westall Extension
Richmond, VT 05477

FULL NAME OF SEVENTH JOINT INVENTOR: Michael R. Ouellette Citizenship U.S.A.

Inventor's signature:  Date: Oct 3, 2003
Residence & Post Office address: 1151 Old Stage Road
Westford, VT 05494

FULL NAME OF EIGHTH JOINT INVENTOR: Neelesh Govindaraya Pai Citizenship India

Inventor's signature:  Date: Oct 31, 2003
Residence & Post Office address: 22 Chelsea Place
Williston, VT 05495

FULL NAME OF NINTH JOINT INVENTOR: William Robert Reohr Citizenship U.S.A.

Inventor's signature: _____ Date: _____
Residence & Post Office address: 111 Eleven Levels Road
Ridgefield, CT 06877

FULL NAME OF TENTH JOINT INVENTOR: Joel Abraham Silberman Citizenship U.S.A.

Inventor's signature: _____ Date: _____
Residence & Post Office address: 32 Londonderry Lane
Somers, NY 10589

FULL NAME OF ELEVENTH JOINT INVENTOR: Thomas Philip Speier Citizenship U.S.A.

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Inventor's signature: _____ Date: _____

Residence & Post Office address: 22 Chelsea Place
Williston, VT 05495

FULL NAME OF NINTH JOINT INVENTOR: William Robert Reohr Citizenship U.S.A.

Inventor's signature: William Robert Reohr Date: October 6, 2003

Residence & Post Office address: 111 Eleven Levels Road
Ridgefield, CT 06877

FULL NAME OF TENTH JOINT INVENTOR: Joel Abraham Silberman Citizenship U.S.A.

Inventor's signature: Joel Abraham Silberman Date: October 7, 2003

Residence & Post Office address: 32 Londonderry Lane
Somers, NY 10589

FULL NAME OF ELEVENTH JOINT INVENTOR: Thomas Philip Speier Citizenship U.S.A.

Inventor's signature: _____ Date: _____

Residence & Post Office address: 112 Arbor Wynds Court
Holly Springs, NC 27540